IN THE CLAIMS:

Please **AMEND** the claims as follows:

1. (Currently Amended) A method of dynamically checking a set of one or more resource controls ~~control~~ associated with resource consumption of newly added software to an operating system, the method comprising:

encountering the newly added software and the associated set of one or more resource controls ~~control~~ by an operating system entity in the operating system, wherein each of the set of resource controls identifies one or more resources, each of the set of resource controls having one or more limiting values associated therewith, each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded;

~~determining whether a resource associated with the resource control is active;~~

determining whether usage of ~~the~~ a one of the one or more resources ~~resource~~ by the operating system entity exceeds ~~a~~ one of the limiting values ~~value stored~~ in the one of the set of resource controls corresponding to the one of the resources ~~control, wherein one or more actions are triggered if the limiting value is exceeded~~;

triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values; and

granting the one of the one or more resources ~~resource~~ to the operating system entity if the limiting value has not been exceeded;

~~resetting the limiting value of the resource control to another threshold value, wherein the entity has an arbitrary number of limiting values associated with the resource control~~.

2. (Currently Amended) A method as recited in claim 1 further comprising ~~the entity~~ searching by the operating system entity a first set of resource controls to locate the one of the set of resource controls ~~resource control~~.

3. (Currently Amended) A method as recited in claim 2 further comprising ~~the entity~~ searching by the operating system entity a second set of resource controls associated with a

plurality of entities to locate the one of the set of resource controls~~resource control~~.

4. (Currently Amended) A method as recited in claim 1 further comprising determining whether the ~~a~~ resource associated with the resource control is active.

5. (Currently Amended) A method as recited in claim 1 further comprising loading the ~~resource control~~ one of the set of resource controls from a global set of controls to a local set of controls associated with the operating system entity.

6. (Currently Amended) A method as recited in claim 1 further comprising notifying a plurality of other entities when there is a violation of one of the ~~a~~ limiting values ~~value~~ by the operating system entity.

7. (Currently Amended) A method as recited in claim 1 wherein ~~an~~ the operating system entity is one of a process, task, and a project in the operating system.

8. (Currently Amended) A method as recited in claim 1 wherein encountering the newly added software and the associated ~~resource control~~ set of resource controls by an operating system entity in the operating system further includes registering the set of resource controls associated with the newly added software with the operating system.

9. (Original) A method as recited in claim 1 further comprising manually changing the limiting value as desired.

10. (Currently Amended) A system for dynamically checking a set of one or more resource controls ~~control~~ associated with resource consumption of newly added software to an operating system, the apparatus comprising:

means for recognizing the newly added software and the associated set of one or more resource controls ~~control~~ by an operating system entity in the operating system, wherein each of the set of resource controls identifies one or more resources, each of the set of resource controls having one or more limiting values associated therewith, each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded;

~~means for determining whether a resource associated with the resource control is active;~~

means for determining whether usage of ~~the~~ a one of the one or more resources ~~resource~~ by the operating system entity exceeds a one of the limiting values ~~value stored~~ in the one of the set of resource controls corresponding to the one of the resources ~~control, wherein one or more actions are triggered if the limiting value is exceeded~~;

means for triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values; and

means for granting the one of the one or more resources ~~resource~~ to the operating system entity if the limiting value has not been exceeded~~;~~

~~resetting the limiting value of the resource control to another threshold value, wherein the entity has an arbitrary number of limiting values associated with the resource control~~.

11. (Currently Amended) A computer-readable medium containing programmed instructions arranged to dynamically check a set of one or more resource controls ~~control~~ associated with resource consumption of newly added software to an operating system, the computer-readable medium including programmed instructions for:

encountering the newly added software and the associated set of one or more resource controls ~~control~~ by an operating system entity in the operating system, wherein each of the set of resource controls identifies one or more resources, each of the set of resource controls having one or more limiting values associated therewith, each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded;

~~determining whether a resource associated with the resource control is active;~~

determining whether usage of ~~the~~ a one of the one or more resources ~~resource~~ by the operating system entity exceeds a one of the limiting values ~~value stored~~ in the one of the set of resource controls corresponding to the one of the resources ~~control, wherein one or more actions are triggered if the limiting value is exceeded~~;

triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values; and

granting the one of the one or more resources ~~resource~~ to the operating system entity

if the limiting value has not been exceeded;

~~resetting the limiting value of the resource control to another threshold value, wherein the entity has an arbitrary number of limiting values associated with the resource control~~.

12. (Currently Amended) A system for dynamically checking a set of one or more resource controls ~~control~~ associated with resource consumption of newly added software to an operating system comprising:

one or more processors; and

a computer readable medium storing a program for execution by the one or more processors comprising:

computer code that recognizes the newly added software and the associated set of one or more resource controls ~~control~~ by an operating system entity in the operating system, wherein each of the set of resource controls identifies one or more resources, each of the resource controls having one or more limiting values associated therewith, each of the limiting values having one or more associated actions that are triggered if the limiting value is exceeded;

~~computer code that determines whether a resource associated with the resource control is active;~~

computer code that determines whether usage of ~~the~~ ~~a~~ one of the one or more resources ~~resource~~ by the operating system entity exceeds ~~a~~ one of the limiting values ~~value stored~~ in the one of the set of resource controls corresponding to the one of the resources ~~control, wherein one or more actions are triggered if the limiting value is exceeded~~;

computer code for triggering the one or more actions associated with the one of the limiting values when usage of the one of the one or more resources by the operating system entity exceeds the one of the limiting values; and

computer code that grants the one of the one or more resources ~~resource~~ to the operating system entity if the limiting value has not been exceeded;

~~computer code that resets the limiting value of the resource control to another threshold value, wherein the operating system entity has an arbitrary number of one or more limiting values associated with the resource control~~.

13. (Currently Amended) A method for dynamically adding a resource to an operating system wherein the resource has a variable number of limits comprising:

executing a process request by an operating system entity of the operating system for a resource ~~that has a plurality of control values~~;

searching in a local set of resources corresponding to the operating system entity for a resource control associated with the resource, the local set of resources having one or more resource controls, each of the resource controls being associated with a resource and including one or more control values and identifying one or more associated actions that are triggered if the corresponding control value is exceeded; and

determining whether a usage value is greater than ~~a~~ one of the control values associated with the resource ~~value~~ from the local set~~; and~~

~~determining whether a user has a privilege status for the resource~~.

14. (Currently Amended) The method of claim 13 further comprising :

~~where~~ when the usage value is greater than one of the ~~a~~ control ~~value~~ values associated with the resource from the local set, making a further determination as to whether the resource is contained within a global set~~approving the grant of the resource control~~; and

~~where~~ when the usage value is less than the one of the control values associated with the resource from the local set ~~value~~, approving the grant of the resource~~making a further determination as to whether the resource action is contained within a global set~~.

15. (Currently Amended) The method of claim 14 further comprising:

denying the resource to the requesting party ~~where~~ when the ~~action~~ resource control is not contained in the global set.~~setglobal, and~~

~~setting the resource control to the next lowest action where the action is determined to be contained within a global set.~~

16. (Currently Amended) The method of claim 13 further comprising loading ~~the~~ one or more resource controls associated with the resource ~~attributes~~ from a global set to the local set ~~where~~ when the ~~control~~ resource is not found in the local set.

17. (Currently Amended) The method of claim 13 further comprising determining, after the resource is found in the local set or loaded into the local set, whether the ~~identification number of the control~~ resource is still active.

18. (Original) The method of claim 13 further comprising registering the resource when first introducing it to the operating system.

19. (Currently Amended) The method of claim 18 wherein registration comprises:

loading and initializing the software module containing the one or more resource controls; and ~~resource control,~~

~~storing certain control values for the module,~~

~~executing custom functions for the model,~~

~~obtaining an identification number for the control resource, and~~

~~placing the new resource control in the global set~~.

adding the one or more resource controls to the local set.

Please **ADD** new claims as follows:

20. (Newly Added) The method as recited in claim 1, further comprising:

resetting the limiting value of the one of the set of resource controls to another threshold value.

21. (Newly Added) The method as recited in claim 1, further comprising:

dynamically adding the set of resource controls to a second set of resource controls.

22. (Newly Added) The method as recited in claim 1, further comprising:

removing the set of resource controls from a second set of resource controls.

23. (Newly Added) The method as recited in claim 1, further comprising:

adding the set of resource controls to a global set of resource controls maintained by the operating system, thereby enabling operating system entities of the operating system to be aware of additional capabilities of the operating system added by the set of resource controls and the associated newly added software module.

24. (Newly Added) The method as recited in claim 23, wherein adding the set of resource controls to a global set of resource controls maintained by the operating system is performed when encountering the newly added software is executed for a first time.

25. (Newly Added) The method as recited in claim 23, wherein adding the set of resource controls to a global set of resource controls maintained by the operating system is performed when the newly added software is loaded.

26. (Newly Added) The method as recited in claim 23, further comprising:

removing the set of resource controls from the global set of resource controls.

27. (Newly Added) The method as recited in claim 26, wherein removing the set of resource controls from the global set of resource controls is performed when the newly added software is unloaded.

28. (Newly Added) The method as recited in claim 1, further comprising:

adding the set of resource controls to a local set of resource controls associated with an operating system entity within the operating system.

29. (Newly Added) The method as recited in claim 13, further comprising:

determining whether a user has a privilege status for the resource.

30. (Newly Added) The method of claim 14, further comprising:

registering the resource when first introducing it to the operating system.

31. (Newly Added) The method of claim 30, wherein registration comprises:

loading and initializing the software module containing the one or more resource controls; and

adding the one or more resource controls to the global set.

32. (Newly Added) The method as recited in claim 1, wherein determining, triggering and granting are performed by the operating system.